

# Mathematics 2007, Grade 4

Mathematics Composite

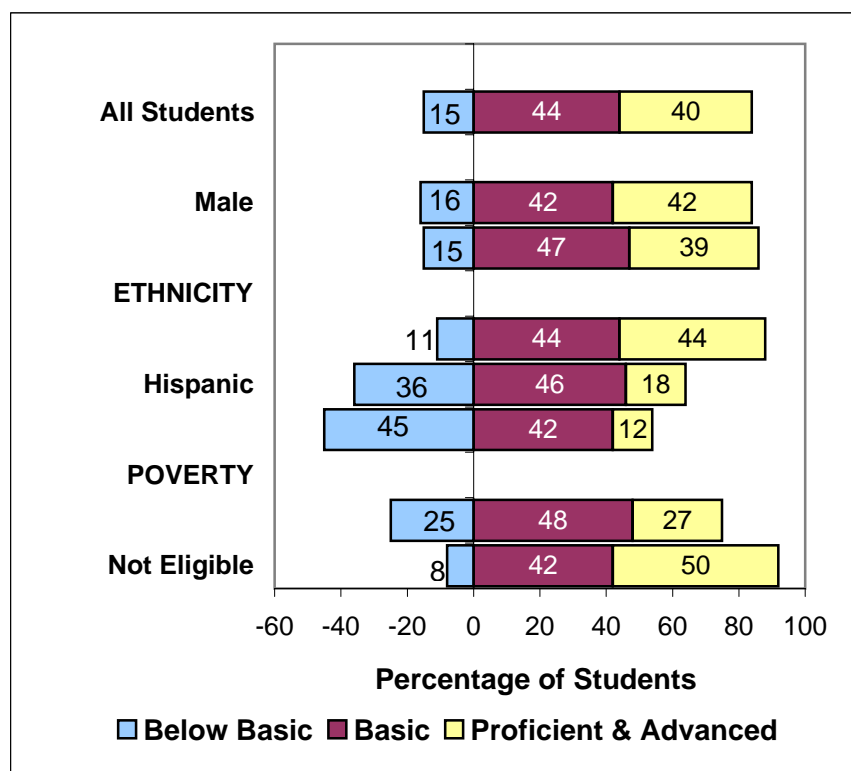


Idaho NAEP Snapshot

Volume 2007, Number 15

The Mathematics assessment of the National Assessment of Educational Progress (NAEP) used multiple-choice and constructed-response questions to examine student skills with number properties and operations, measurement, geometry, data analysis and probability, and algebra. The math scale ranges from 0 to 500, where 214 is *Basic* (meets grade 4 expectations), 249 is *Proficient*, and 282 is *Advanced*.

## Mathematics Performance Levels by Demographic Group in Idaho



- ◆ On the NAEP 2007 mathematics assessment, the percentage of fourth grade female students in Idaho who scored at or above *Basic* (85 percent) was not significantly different from their male peers (84 percent).
- ◆ On the NAEP 2007 mathematics assessment, the percentage of fourth grade White students in Idaho who scored at or above *Basic* (89 percent) was higher than their Hispanic peers (64 percent) and their American Indian peers (55 percent). Sample size was not sufficient to permit a reliable estimate of reading performance for Black and Asian students.
- ◆ On the NAEP 2007 mathematics assessment, the percentage of Idaho fourth graders who qualified for free or reduced price meals in the National School Lunch Program scoring at or above *Basic* (75 percent) was lower than their peers who were not eligible for the program (92 percent).

Comparisons are based on statistical tests (.05 level) that consider magnitude of difference and standard errors.

Visit <http://www.boardofed.idaho.gov/naep/> for additional results and more information about Idaho NAEP.